Please amend Claim 1 as shown below:

1. (Amended Four Times) A liposome having a bilayer comprising a lipid component which comprises a compound having the formula R^1-Y^1-CHZ^1-$CH(NY^2Y^3)$-CH_2-Z^2, wherein:

R^1 is a straight-chained alkyl, alkenyl or alkynyl group having from 5 to 19 carbon atoms in the aliphatic chain;

Y^1 is -CH=CH-, -C≡C- or -CH(OH)CH(OH)-;

Z^1 is OH or a conversion-inhibiting group;

Y^2 is H, a phenyl group, an alkyl-substituted phenyl group having from 1 to about 6 carbon atoms in the alkyl chain, or an alkyl chain having from 1 to 6 carbon atoms;

Y^3 is H or a group having the formula $-C(O)R^2$ or $-S(O)_2R^2$;

R^2 is a straight-chained alkyl moiety selected from the group consisting of $-(CH_2)_3CH_3$, $-(CH_2)_5CH_3$, $-(CH_2)_7CH_3$ and $-(CH_2)_9CH_3$, or an alkenyl group or alkynyl group having from 2 to 23 carbon atoms in the aliphatic chain;

Z^2 is OH or a phosphorylcholine attachment-inhibiting group selected from the group consisting of $-X^1$, $-OX^1$, $-X^2X^3$ and $-OX^2X^3$;

X^1 is selected from the group consisting of -C(O)H, $-CO_2H$, CH_3, $C(CH_3)_3$, $Si(CH_3)_3$, $SiCH_3(C(CH_3)_3)_2$, $Si(C(CH_3)_3)_3$, $Si(PO_4)_2C(CH_3)_3$, a phenyl group, an alkyl-substituted phenyl group having from 1 to 6 carbon atoms in the alkyl chain, an alkyl chain having from 1 to 6 carbon atoms, an amino group, a fluorine atom, a chlorine atom, and a group having the formula $C(R^3R^4)OH$;

X^2 is selected from the group consisting of CH_2-, $C(CH_3)_2$-, $Si(PO_4)_2$-, $Si(CH_3)_2$-, $SiCH_3PO_4$-, C(O)- and $S(O)_2$-;

X^3 is selected from the group consisting of -C(O)H, $-CO_2H$, $-CH_3$, $-C(CH_3)_3$, $-Si(CH_3)_3$, $-SiCH_3(C(CH_3)_3)_2$,$-Si(C(CH_3)_3)_3$, $-Si(PO_4)_2C(CH_3)_3$, a phenyl group, an alkyl-substituted phenyl group having from 1 to 6 carbon atoms in the alkyl chain, an alkyl chain having from 1 to 6 carbon atoms, an amino moiety, a chlorine atom, a fluorine atom, or a group having the formula $C(R^3R^4)OH$, wherein each of R^3 and R^4 is independently an alkyl chain having from 1 to 6 carbon atoms, a phenyl group or an alkyl-substituted phenyl group having from 1 to 6 carbon atoms in the alkyl chain;

wherein when Z^2 is an amino group, R^2 is an aliphatic chain having from 1 to 9 or from 19 to 23 carbon atoms in the aliphatic chain;

and wherein the compound comprises at least about 5 mole percent of the lipid component.

Please add the following new claims.

- - 58. (New) The method of claim 14, wherein the cancer is a brain, breast, lung, ovarian, colon, stomach or prostate cancer.

59. (New) The method of claim 14, wherein the cancer is a sarcoma, carcinoma, neuroblastoma, glioma or drug resistant cancer.

60. (New) The method of claim 14, wherein the animal is a human.

61. (New) The liposome of claim 1, wherein Z^1 is OH or a conversion-inhibiting group selected from the group consisting of $-X^1$, $-OX^1$, $-X^2X^3$ and $-OX^2X^3$.

62. (New) The liposome of claim 1, wherein R^2 is an alkyl chain.

63. (New) The liposome of claim 1, wherein R^1 is $CH_3(CH_2)_{12}$-.

64. (New) The liposome of claim 1, wherein Y^1 is -CH=CH-.

65. (New) The liposome of claim 1, wherein Y^2 is H.

66. (New) The liposome of claim 1, wherein Y^3 is $-C(O)R^2$.

67. (New) The liposome of claim 1, wherein Z^1 is OH.

68. (New) The liposome of claim 67, wherein Z^2 is a group having the formula $-X^2X^3$ or $-O-X^2X^3$.

69. (New) The liposome of claim 68, wherein Z^2 is $-OC(O)CH_3$, $-OC(O)CH_2CH_2CH_3$, $-OC(O)CH(CH_3)CH_3$ or $-OSi(CH_3)_2C(CH_3)_3$.

70. (New) The liposome of claim 69, wherein Z^2 is $-OSi(CH_3)_2C(CH_3)_3$.

71. (New) The liposome of claim 67, wherein Z^2 is a group having the formula $-X^1$ or $-OX^1$.

72. (New) The liposome of claim 1, wherein Z^1 is $-X^1$, $-OX^1$, $-X^2X^3$ and $-OX^2X^3$.

73. (New) The liposome of claim 72, wherein Z^1 is $-OC(O)CH_3$, $-OC(O)CH_2CH_2CH_3$, $-OC(O)CH(CH_3)CH_3$ or $-OSi(CH_3)_2C(CH_3)_3$.

74. (New) The liposome of claim 1, wherein the compound having the formula R^1-Y^1-CHZ^1-$CH(NY^2Y^3)$-CH_2-Z^2 is CH_3-$(CH_2)_{12}$-$CH=CH$-CH_2Z^1-$CH(NHY^3)$-CH_2Z^2.

75. (New) The liposome of claim 74, wherein Z^1 is OH and Y^3 is a group having the formula $-C(O)R^2$.

76. (New) The liposome of claim 75, wherein Y^3 is $-C(O)(CH_2)_4CH_3$.

77. (New) The liposome of claim 66, wherein Z^2 is $-OSi(CH_3)_2C(CH_3)_3$, $-OSi(PO_4)_2C(CH_3)_3$, $-C(O)CH_3$ or $-OC(O)CH_2CH_2CH_3$.

D2 cancel

78. (New) The liposome of claim 1, wherein the bilayer comprises at least about 10 mole percent of the compound having the formula R^1-Y^1-CHZ^1-$CH(NY^2Y^3)$-CH_2-Z^2. - -